U.S.S. ARGONNE.

RETAIN

American International S B Cop Hog Island Pa

Profile. Phl. 4047.

Hull 673 S/S "ARGONNE"

W1375-0126

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JUL 22 19.19
SHIPBUILDING CORP.
DRAFTING ROOM
HOG ISLAND, PA.

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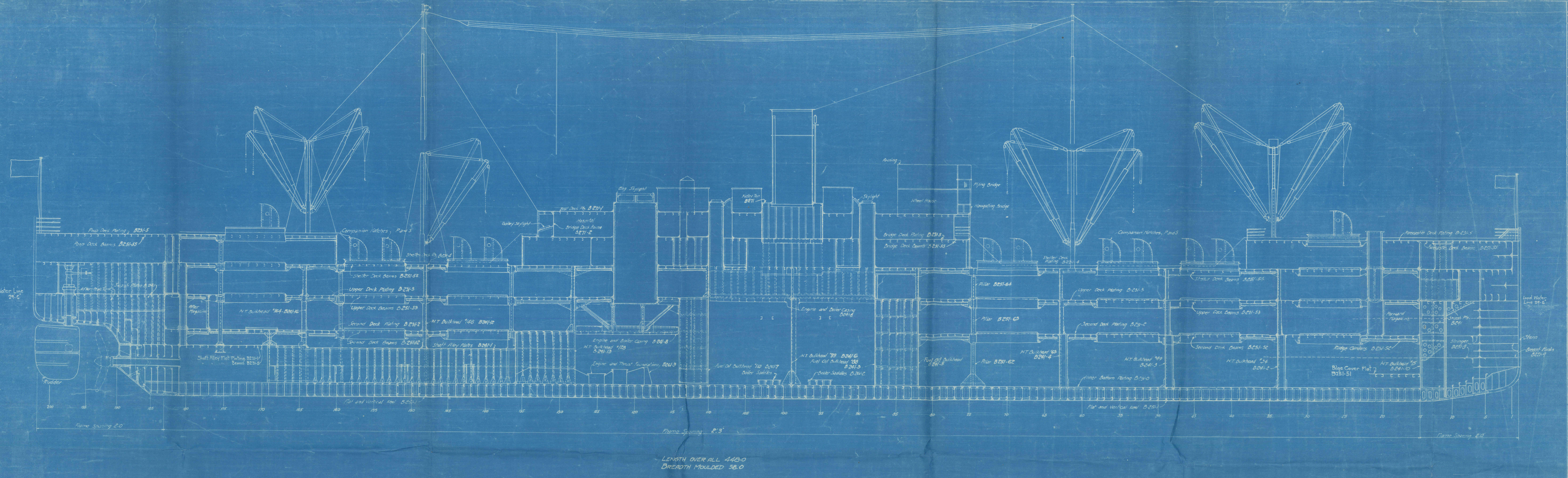
Foundation


Load Water Line 29'-6"
Poop Deck Plating B231-5
Poop Deck Beams B251-55
After Peak Tank
Swash Plates B241
After Magazine
W.T. Bulkhead #164-B241-16
Shaft Alley Flat Plating B231-1
" " Beams B231-5
Rudder
Companion Hatches, P and S
Shelter Deck Pl. B231-4
Shelter Deck Beams B-251-54
Upper Deck Plating B-231-3
Upper Deck Beams B-251-53
Second Deck Plating B231-2
Second Deck Beams B-251-52
W.T. Bulkhead #148 B241-12
Shaft Alley Plates B241-1
Flat and Vertical Keel B-251-1
Frame Spacing 2.0'
Galley Skylight
Boat Deck Pl. B-271-1
Hospital
Bridge Deck House B271-2
Eng. Skylight
Fidley Top B271
Engine and Boiler Casing B-241-8
W.T. Bulkhead #128 B-241-13
Engine and Thrust Foundations B261-3
Fuel Oil Bulkhead #110 B241-7
Boiler Saddles
W.T. Bulkhead #99 B241-6
Fuel Oil Bulkhead #88 B-241-5
Boiler Saddles B-261-2
Frame Spacing 2'3"
Awning
Skylight
Wheel House
Flying Bridge
Navigating Bridge
Bridge Deck Plating B231-5
Bridge Deck Beams B-251-55
Shelter Deck Plating B231-4
Pillar B251-64
Pillar B251-63
Pillar B251-62
Fuel Oil Bulkhead B241-5
W.T. Bulkhead #63 B241-4
Inner Bottom Plating B231-0
W.T. Bulkhead #49 B-241-3
Forecastle Deck Plating B-231-5
Forecastle Deck Beams B-251-55
Forward Magazine
Swash Pls. B241
Stringer B251-9
Ridge Girders B251-52
W.T. Bulkhead #34 B241-2
Bilge Cover Flat B251-51
W.T. Bulkhead #15 B241-10
Stem
Breast Hooks B251-9
Load Water Line 29'-6"
Frame Spacing 2.0'
200
195
190
185
180
175
170
165
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155
150
145
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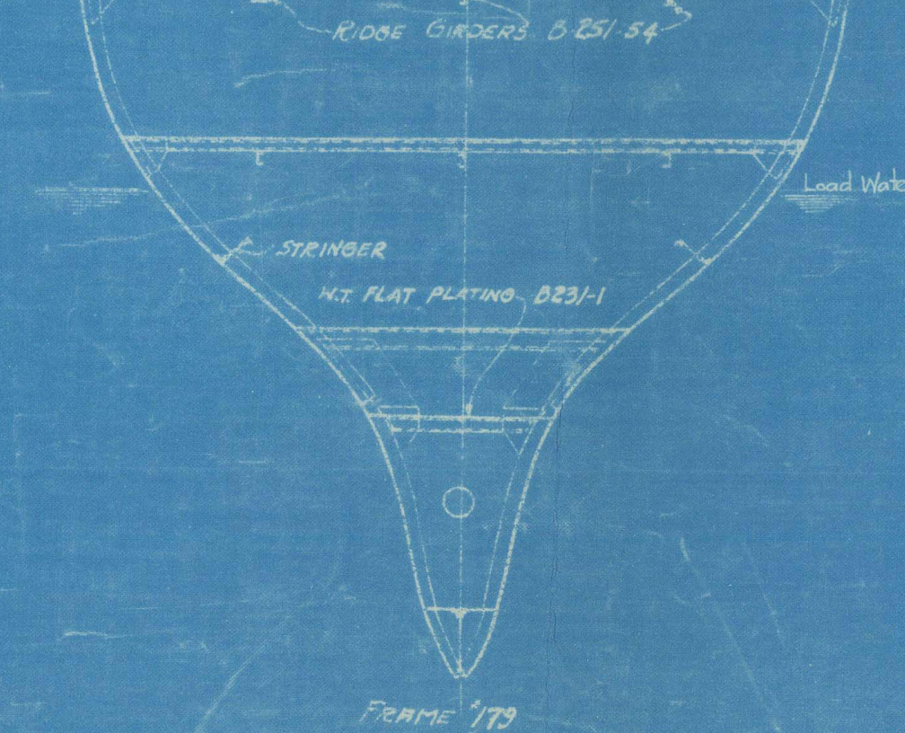
LENGTH OVER ALL 448.0
BREADTH MOULDED 58.0

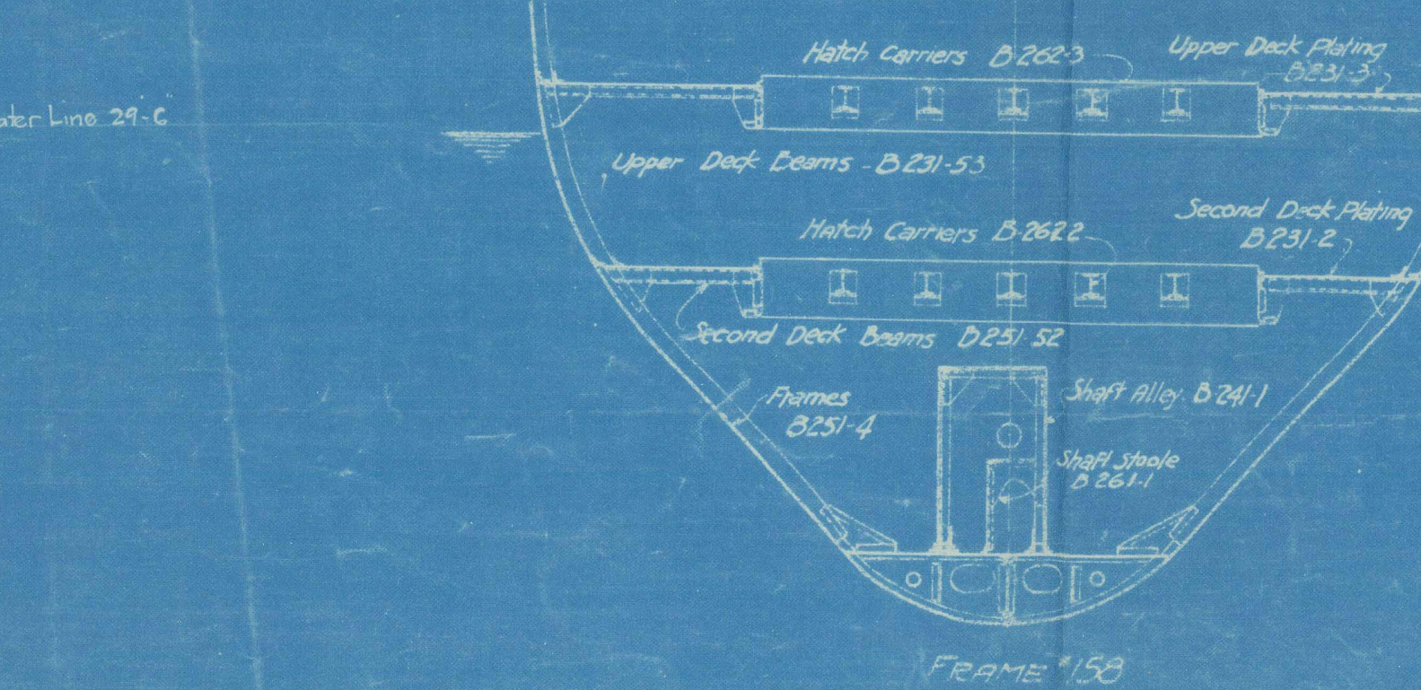
SHEET No	LIST OF ERECTION DRAWINGS TITLE	FILE No
1	Long. & Cross Section	R10687
2	Bott. Shell Long. Floors. Keelson Liners Fwd Fr. 87	F14292
3	Bott. Shell Floors, Long., Keelson & Liners Frm. 149-86	F14293
4	Bott. Shell Floors, Keelson, Longl. & Liners Frm. 148 Aft	F14294
5	Inner Bottom Forward Frame 87	F14295
6	Inner Bottom Frames 86-149	F14296
7	Inner Bottom Aft Frame 148	F14297
8	Shaft Alley	F14298
9	Bulkhead #136 Shaft Alley Recess	F14299
10	W.T. Flat Stringers & Swash Plates	F14300
11	Side Shell Stbd. Side Frm. 86 Fwd.	F14301
12	Side Shell Stbd. Side Frms. 86-149	F14302
13	Side Shell Stbd. Side Aft Frm. 148	F14303
14	Side Shell Port Side Frm 86 Fwd.	F14304
15	Side Shell Port Side Frms 86-149	F14305
16	Side Shell Port Side Aft. Frm 148	F14306
17	2nd Deck Frm. 89 Fwd.	F14307
18	2nd Deck Frms 148-88	F14308
19	2nd Deck Aft Frm. 148	F14309
20	Upper Deck Frm 87 Fwd.	F14310
21	Upper Deck Frms 86-149	F14311
22	Upper Deck Aft. Frm. 148	F14312
23	Shelter Deck Frm 87 Fwd.	F14313
24	Shelter Deck Frms 86-149	F14314
25	Shelter Deck Aft. Frm. 148	F14315
26	Transverse Sections Fwd. Frm. 14	F14316
27	Transverse Sections Aft. Frm. 188	F14317
28	Transverse Sections Aft. Frm 177	F14318
29	Bulkheads #15 & #34	F14319
30	Bulkhead #49	F14320
31	Bulkhead #63	F14321
32	Bulkhead #82	F14322
33	Bulkheads #82-88 & 88	F14323
34	Horizontal Webs Frms #82-88	F14324
35	Bulkhead #99	F14325
36	Bulkhead #110	F14326
37	Bulkheads #114 & 110 & 114	F14327
38	Horizontal Webs Frms 110-114	F14328
39	Bulkhead #128	F14329
40	Bulkhead #148	F14330
41	Bulkhead #164	F14331
42	Bulkhead #183	F14332
43	Eng. & Boiler Casing Stbd Side Long. Bhds.	F14333
44	Eng. & Boiler Casing Port Side Vent Trunk 113-114	F14334
45	Eng. & Boiler Casing Transverse Bhds.	F14335
46	Eng. & Boiler Casing Transverse Bhds	F14336
47	Eng. & Boiler Casing. Transverse Bhds.	F14337
48	Bridge Deck	F14338
49	Boat Deck	F14339
50	Forecastle Deck	F14340
51	Poop Deck	F14341
52	Escape Trunk & Amm. Trunk Aft.	F14342
53	Amm. Trunk Fwd	F14343
54	Trunk Hatches Frm. 86 & Frms. 110-112	F14344
55	Bridge Deck House	F14345
56	Bhds. 88 to 135 Bet. Shelter & Br. Dk.	F14346
57	Engine Hatch & Fidley Tops	F14347
58	Bhds. #181 & #177	F14348
59	Miscellaneous Bulkheads Aft.	F14349
60	" " Forward	F14350
61	" Foundations	F14351
62	Carpenter Shop-Lamp & Paint Room	F14820
63	Miscellaneous Foundations	F14430
64	Forward Stringers & Swash Plates.	F14431
65	Forward Stringers & Breast Hooks	F14432
66	Super-Structure Stanchions	F14433
67	Blower Support	F14819
68	Fresh Water Tank Saddles	F14814
69	" " " "	F14815
70	Boiler Saddles	F14816
71	Engine & Thrust Foundations	F14817
72	Access Holes	F14818
73	Winch Foundations (Not ready)	F14821
74	Foundations on Inner Bottom	F14822

CHARGE No	LIST OF CHARGE NUMBERS DESCRIPTION
B-Tech	Technical Drawings
B-Misc.	Miscellaneous Drawings
B-200	Erection Diagrams
B-211	Heavy Forging & Casting
B 221	Plating Bottom and Side Shell
B231-0	" Inner Bottom
-1	" Flats
-2	" Second Deck
-3	" Upper Deck
-4	" Shelter Deck
-5	Poop, Bridge & Fcle. Decks
B-241.	Bhd. #9 Chain, Locker & Swash Pl. in Peaks
B-241.1	" Shaft Alley
2	" #34
3	" #49
4	" #63
5	" #82 & 88 (Fuel Oil) & Pipe Tunnel
6	" #99
7	" #110 & 114 (Fuel Oil)
8	" Eng. & Boiler Casing, Skylight & Vent Trunk
9	" Miscellaneous
10	" #15
11	" #183
12	" #148
13	" #128
14	" Poop, Bridge & Fcle. Ends
15	" #82 and 110 above upper Deck
16	" #164
17	" Miscellaneous
18	" Engine & Boiler Casing
B251-1	Keel Flat & Vertical
2	Longitudinals
3	Floors
4	Side Frames also Compensating Brackets
B251-51	Deck Framing Flats
52	" " Second Deck
53	" " Upper Deck
54	" " Shelter Deck
55	" Poop, Bridge & Fcle Dks.
B251-61	Pillars Supporting Flats
62	" " Second Deck
63	" " Upper Deck
64	" " Shelter Deck
65	" " Poop, Bridge & Fcle. Decks
B-251-9	Stringers & Breast Hooks
B-261-1	Foundations Shaft Stools
2	" Boiler Saddles
3	" Engine & Thrust
6-5-4	" Fresh Water Tank Saddles
9	" Miscellaneous
B261-10	" Forward Gun
11	After Gun
B262	Remainders Expansion Trunk, Etc.
B-271	Superstructure Fidley Top, Companion Hatches
B-271-1	" Boat Deck
B-271-2	" Bridge Deck House

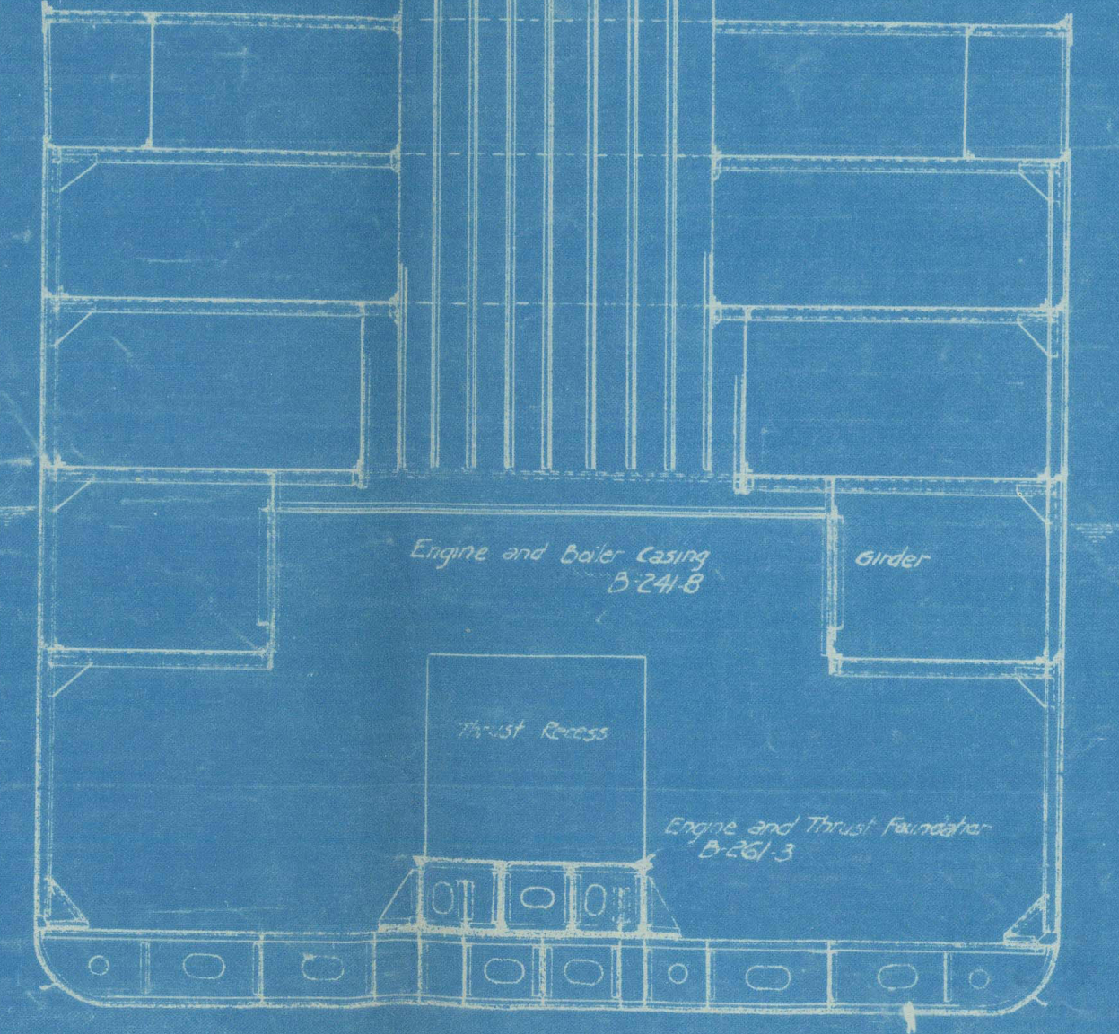
1


Poop Deck Elev. 45.6
8.6
Ridge Girders B-251-54
Load Water Line 29'-6"
Stringer
W.T. Flat Plating B231-1

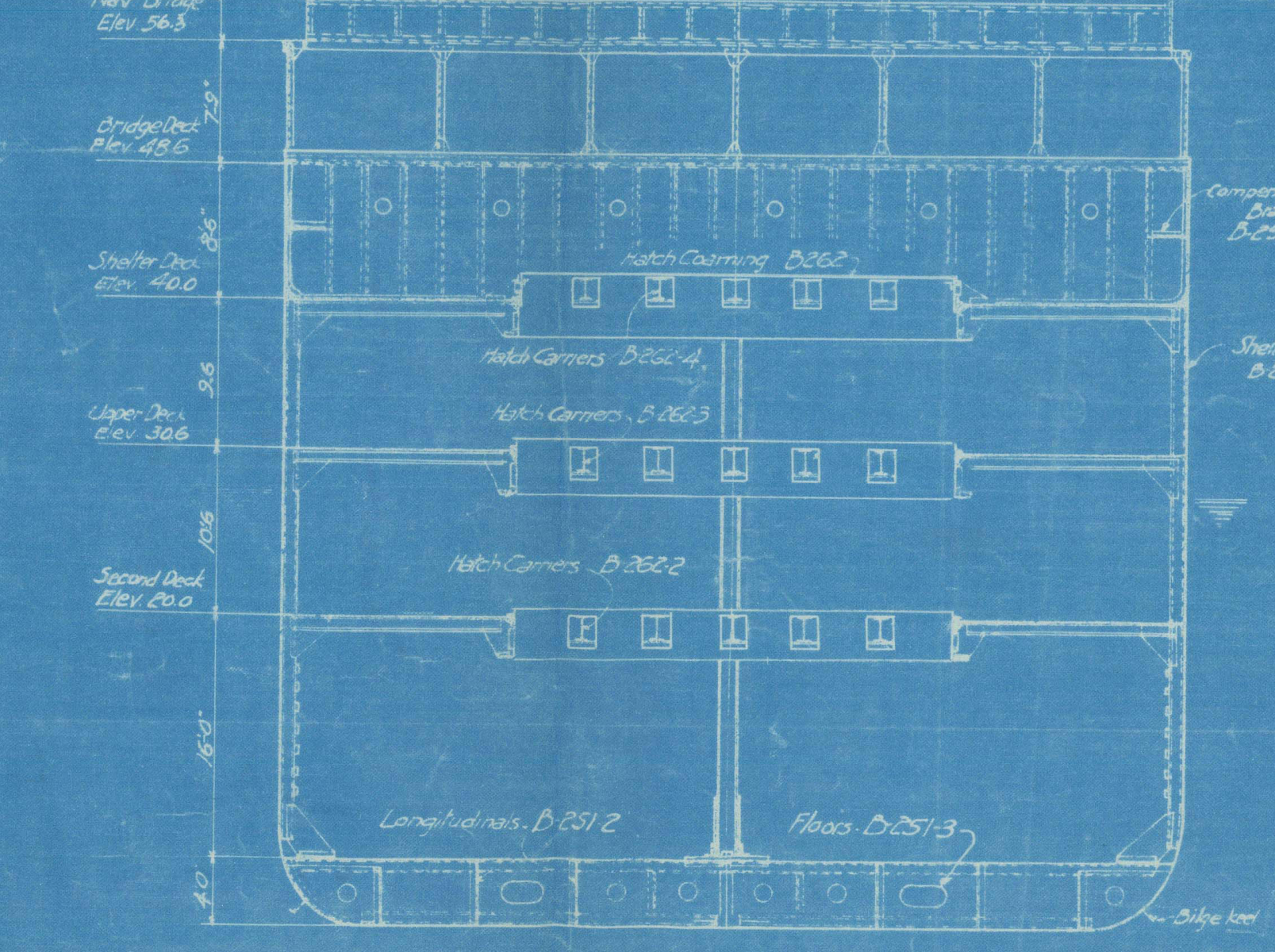
Frame #179
Looking Aft.


Hatch Carriers B262-4
Shelter Deck Hatch coaming B-262
Shelter Deck Plating B-231-4
Shelter Deck Beams B251-54
Hatch Carriers B262-3
Upper Deck Plating B231-3
Upper Deck Beams B231-53
Hatch Carriers B-262-2
Second Deck Plating B231-2
Second Deck Beams B251-52
Frames B251-4
Shaft Alley B241-1
Shaft Stoole B261-1

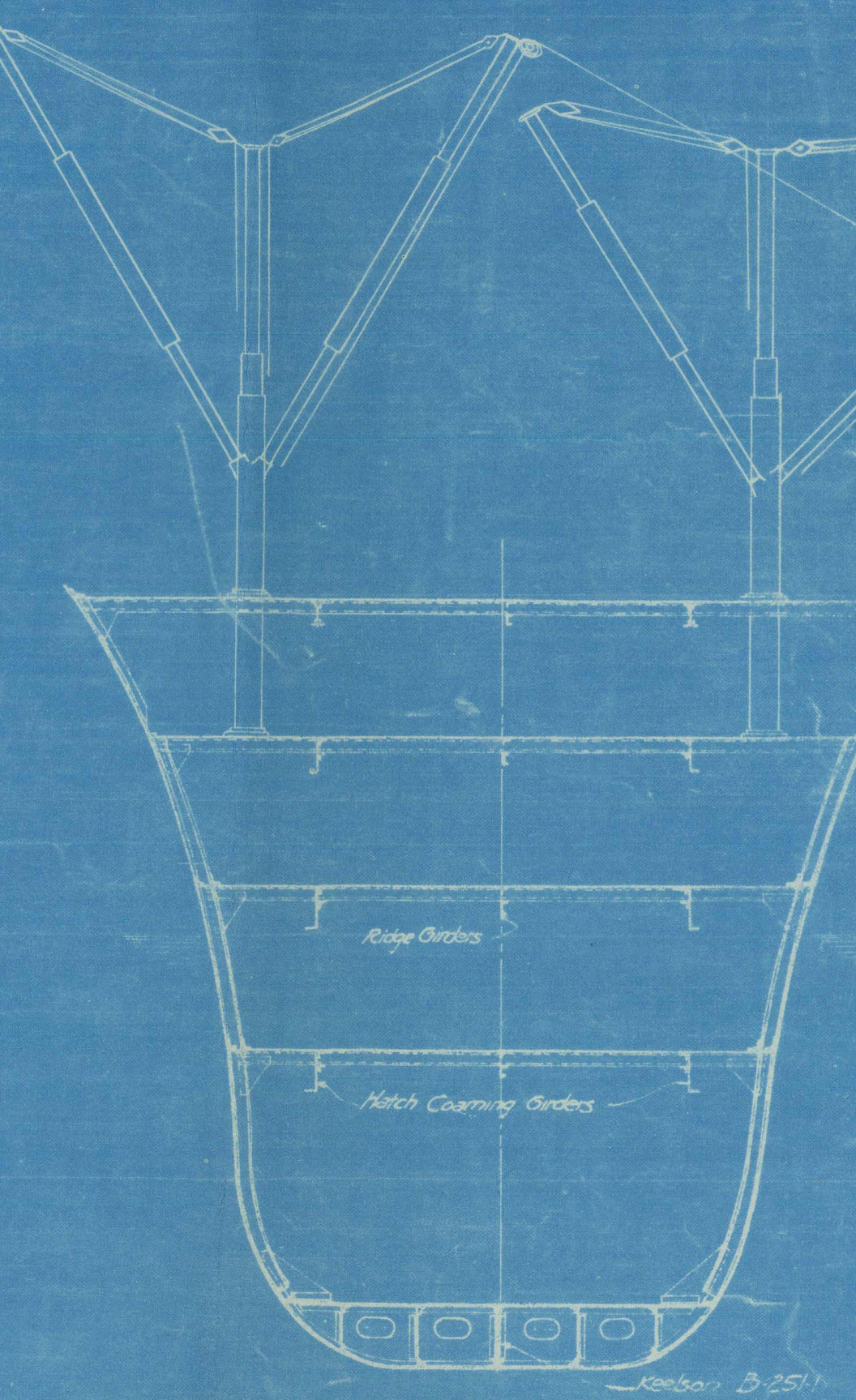
Frame #158
Looking Aft


Engine Room Skylight B241-8
Engine and Boiler Casing B-241-8
Girder
Thrust Recess
Engine and Thrust Foundation B-261-3

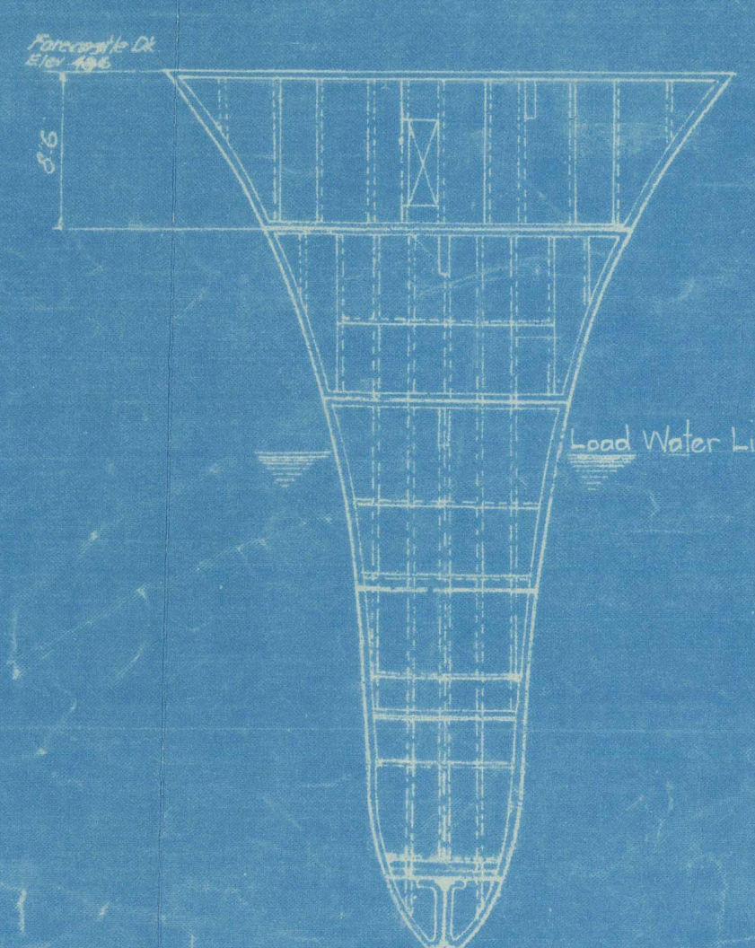
Frame #122
Looking Aft


Flying Bridge
Wood Bridge Front
Flying Bridge Elev. 63.9
Navigating Bridge
Boat Deck Nav. Bridge Elev. 56.3
7.6
7.9
Bridge Deck Elev. 48.6
8.6
Compensating Bracket B-251-4
Hatch Coaming B262
Shelter Deck Elev. 40.0
Hatch Carriers B262-4
Shell Plating B-221
9.6
Hatch Carriers B262-3
Upper Deck Elev. 30.6
10.6
Hatch Carriers B262-2
Second Deck Elev. 20.0
16.0
Longitudinals B-251-2
Floors B-251-3
4.0
Bilge keel

Frame #72
Looking Aft


Ridge Girders
Hatch Coaming Girders
Keelson B-251-1

Frame #37
Looking Forward


Forecastle Dk. Elev. 48.6
8.6
Load Water Line 29'-6"

Frame #15
Forward

No.	Date	Description	Chkd.	Inspd.	Corct.	Appd.
2	7/15/19	Corrected to date				
1.	6/2/19	Corrected to date.				

TABLE OF ALTERATIONS & CHANGES
USE ONLY PRINTS BEARING LATEST DATE

Scale: 3/32" = 1'-0"
JAN. 21, 1919.

"B" SHIP
LONGITUDINAL & TRANSVERSE SECTIONS
HULL STRUCTURAL DEPT.
8000 TON D. W. SHIP
UNITED STATES SHIPPING BOARD
EMERGENCY FLEET CORPORATION
AMERICAN INTERNATIONAL SHIPBUILDING CORPORATION, AGENT
HOG ISLAND, PA.

Checked	Inspected	Correct	Approved
	H.C.L.		

R 10687

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American International S B Corp Hog Island Pa

Midship Section.

S/S ARGONNE. Hull 673

Phl. 4047

RETAIN

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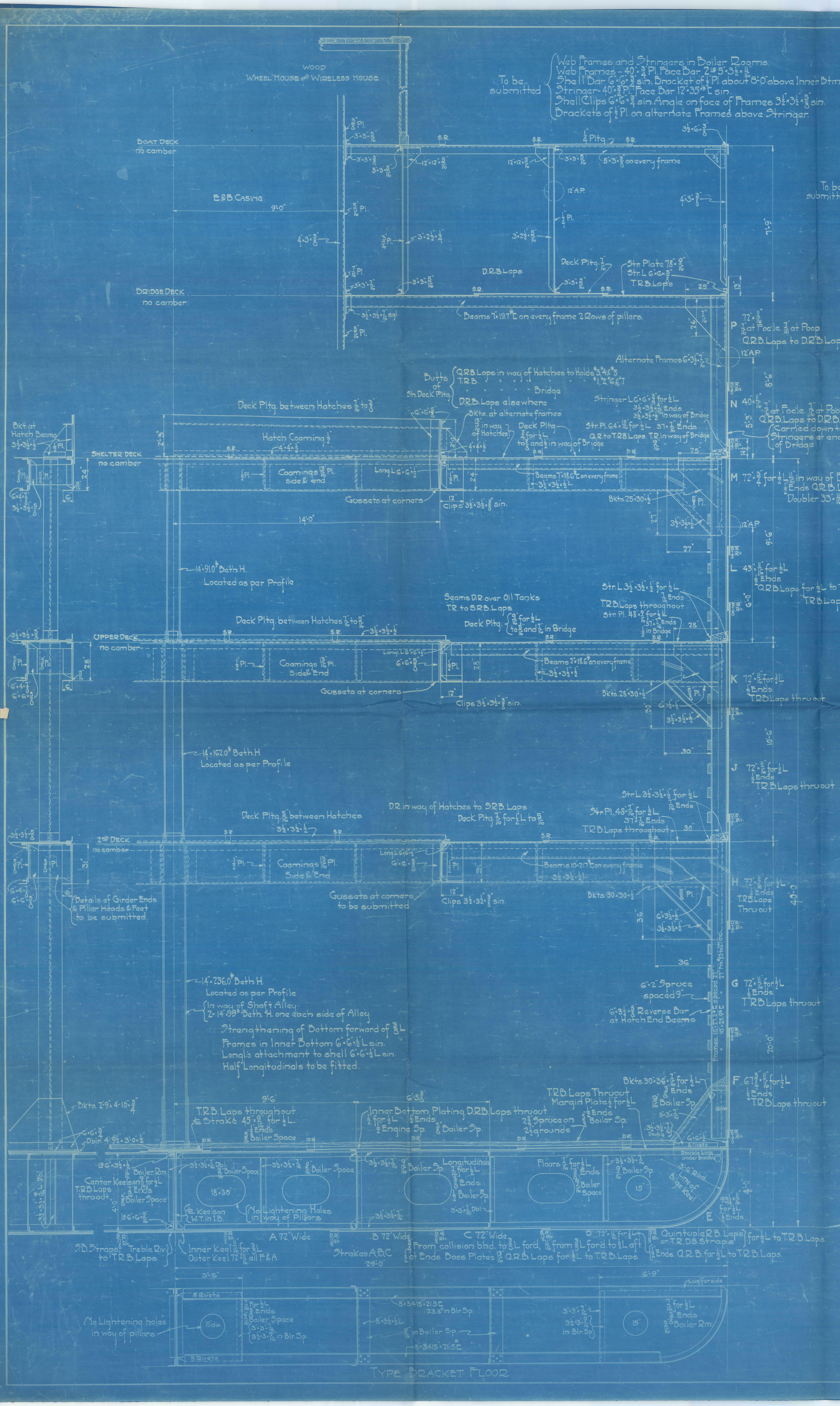

WOOD
WHEEL HOUSE and WIRELESS HOUSE
BOAT DECK
no camber
E.&B. CASING
BRIDGE DECK
no camber
SHELTER DECK
no camber
UPPER DECK
no camber
2nd DECK
no camber
Hatch Coaming
Coamings ⅜ Pl. Side & End
Gussets at corners
Deck Pltg. between Hatches
14-91.0# Beth. H. Located as per Profile
14-167.0# Beth. H. Located as per Profile
14-236.0# Beth. H. Located as per Profile
Details of Girder Ends & Pillar Heads & Feet to be submitted
Strengthening of Bottom forward of ¼ L
Frames in Inner Bottom 6"×6"×½ L sin.
Long'ls attachment to shell 6"×6"×½ L sin.
Half Longitudinals to be fitted.
Inner Bottom, Plating D.R.B. Laps thruout
No Lightening holes in way of pillars
TYPE BRACKET FLOOR
BIGLE KEEL
Beams 7"×19.7# on every frame 2 Rows of pillars

To be submitted { Web Frames and Stringers in Boiler Rooms.
Web Frames – 40" × ¾" Pl. Face Bar 2 Ls 5" × 3½" × 11/16".
Shell Bar 6" × 6" × ¾ sin. Bracket of ½" Pl. about 8'-0" above Inner Btm.
Stringer – 40" × ¾" Pl. Face Bar 12" × 35# [sin.
Shell Clips 6" × 6" × ¾ sin. Angle on face of Frames 3½" × 3½" × ⅝ sin.
Brackets of ½" Pl. on alternate Frames above Stringer.

Web Frames spaced as per Profile Drg. 13127-202-A
Hold No. 7 – Web Frames 28" × ½" Pl.
Face Bar 7" × 3½" × 11/16" L sin.
Shell Bar 6" × 6" × ½" L sin.
Stringer 28" × 7/16" Pl. Face Bar 3½" × 3" × ½" sin.
Shell Bar 3½" × 3" × 7/16" sin. L BKts. of 7/16" Pl. on alternate Frames.
Web Frames elsewhere 22" × 7/16" Pl.
Face Bar 7" × 3½" × 11/16" L sin.
Shell Bar 3½" × 3" × ½" L sin.
Stringers 22" × 7/16" Pl. Face Bar 3½" × 3" × ½" L sin.
Shell Bar 3½" × 3" × 7/16" sin. L BKts. of 7/16" Pl. on alternate Frames.

Strong Beams in Boiler Space:– Dbl. 7" × 19.7# [

To be submitted { Hatch Beams not more than 5'-0" spacing 18'-0" Long.
Shelter Deck 18" × 48# I
Upper and 2nd Decks 18" × 65# I

Bridge Front:– Plating 7/16"
Bdy. L 3½" × 3" × ½" sin. Stiffeners 10" × 21.7# [spaced 30"
Clips 6" × 6" × ½" Top & Bottom 6 – ⅞" Rivs. in each leg.

Poop Front:– Plating ⅜"
Bdy. L 3" × 3" × 7/16" sin. Stiffeners 6" × 3½" × 7/16" L spaced 30"
Clips 6" × 6" × 7/16" Top & Bottom 3 – ¾" Rivs. in each leg.

Bhds. at after end of Focle and Bridge:–
Plating and Coamings ⅜" Bdy. L 3½" × 3" × 7/16" sin.
Stiffeners 6" × 3½" × 7/16" L spaced 30" apart.
Ends of stiffeners riveted to Bdy. L

Front of House on Bridge Deck:–
Plating and Coamings 5/16" Bdy. L 3" × 3" × 5/16" sin.
Stiffeners 5" × 3" × ⅜" L spaced 30" apart.
Ends of stiffeners riveted to Bdy. L

Shaft Alley:–
Plating sides and top 7/16" – top in way of Hatches ½"
Bdy. L 3" × 3" × ½" sin.
Side stiffeners 7" × 18.6# [spaced 27", 18" × 7/16" A BKts. to I.B.
Top stiffeners 6" × 3½" × 7/16" L Bracketed to side stiffeners.

Webs under Kingposts and Girders:– 27" × 11/16" Plate.
Face Bar 6" × 3½" × 11/16" L sin.
Bhd. L 3½" × 3½" × ⅝" sin.

BULKHEAD NOTES

Fore Peak Bhd.
Upper to Shelter Deck:–
Plating 5/16" – Bdy. L 3" × 3" × ⅜" sin.
Stiffeners 6" × 3½" × 7/16" L spaced 24" apart.
with ends riveted to Bdy Bar.
Below Upper Deck:–
Plating 5/16" to ½". Bdy. L 5" × 5" × 9/16" sin. to shell.
Bdy. L 3" × 3" × ⅜" sin. to deck.
Stiffeners:– Vertical 7" × 19.7# [spaced 24" apart.
Lugs 6" × 6" × ½" sin. Top and Bottom.
Horizontal Web 22" × 7/16" Pl.
Face Bar 7" × 3½" × 11/16" L sin. Bhd Clips 3" × 3" × 7/16" sin.

Deep Oil Tank Bhds.
To be submitted { Plating ⅜" to ½" Bdy. L 5" × 5" × 9/16" sin.
Stiffeners:– Vertical 7" × 19.7# [spaced 24" apart.
BKts. Top & Bottom 35" × 35" × ½" Face Bar 3½" × 3½" × ½"
Horizontal Webs (4) 24" × 7/16" Pl. Bhd Clips 3" × 3" × 7/16" sin.
Face Bar 7" × 3½" × 11/16" L sin.
℄ Bhd. Plating ⅜" to ½" Bdy. L 3" × 3" × ½" sin.
Stiffeners:– Vertical 7" × 19.7# [spaced 27" apart.
BKts. Top & Bottom 35" × 35" × ½" Face Bar 3½" × 3½" × ½"
Deck Beams cut & bracketed at ℄ Bhd.

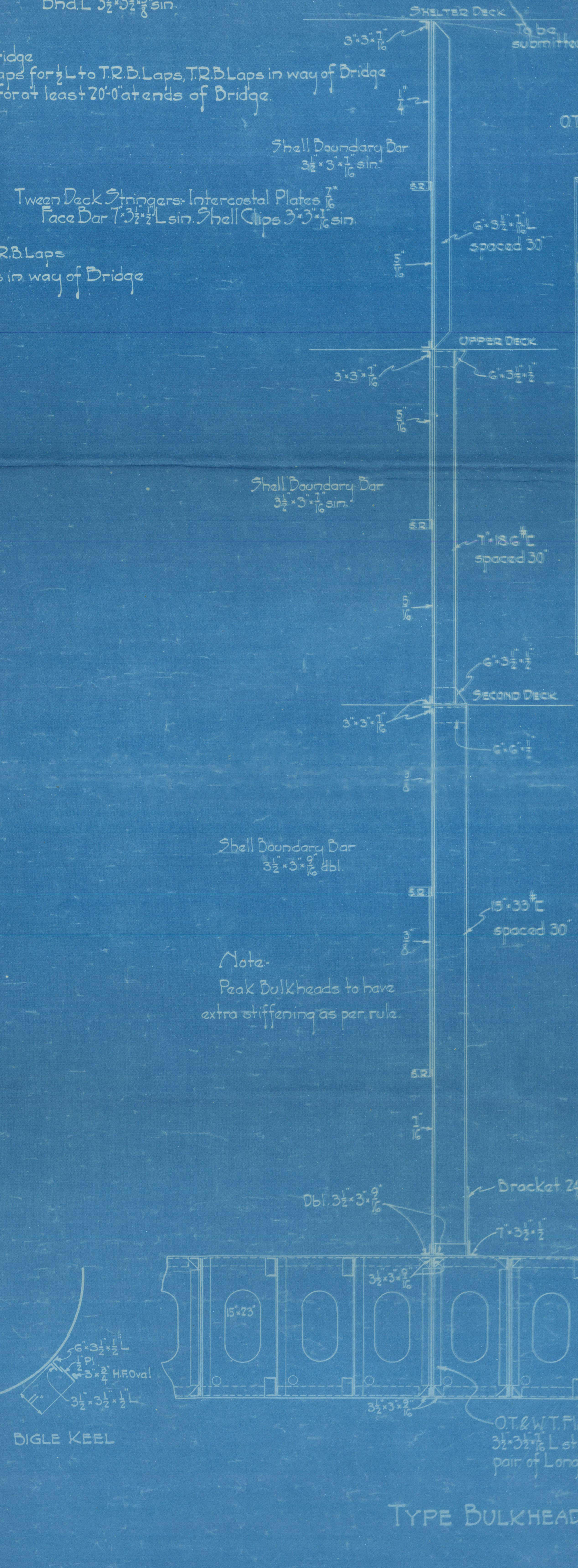
Bulkhead #99
Upper to Shelter Deck:–
Plating 5/16" – Bdy. L 3" × 3" × ⅜" sin.
Stiffeners 6" × 3½" × 7/16" L spaced 30" apart.
with ends riveted to Bdy Bar.
Web at Shelter Deck 30" × 7/16" Pl. Face Bars 6" × 3½" × 7/16" L sin.
Web at Upper Deck 54" × 9/16" Pl. Face Bars 7" × 19.7# [sin.
Below Upper Deck:–
Plating:– Lowest Strake ½", Balance ⅜". Bdy. L 3" × 3" × ⅜" sin. to deck.
Vertical Plating with D.R. Seams.
3½" × 3" × 9/16" Dbl. to shell and Inner Bottom.
Stiffeners, 15" × 33# [with 6" × 4" × ½" L on Face, spaced 30" apart.
Lug at Top 6" × 6" × ½" sin.
BKts. 42" × 42" × ½" at Bottom. Edge stiffened with 3½" × 3½" × ½" L

Bulkhead #164
Below 2nd Deck. Stiffeners 7" × 19.7# [spaced 24" apart.
Bdy. Bar 5" × 5" × 9/16" sin. to shell and Inner Bottom.
Balance as per Type Bulkhead.

After Peak Bhd
To be submitted { Upper to Shelter Deck:–
Plating 5/16" Bdy. L 3" × 3" × ⅜" sin.
Stiffeners 6" × 3½" × 7/16" L spaced 24" apart with ends riveted to Bdy. Bar.
Below Upper Deck:–
Plating 5/16" to ½" Dbl. in way of Stern Tube.
Bdy. L 5" × 5" × 9/16" sin. to shell. 3" × 3" × ⅜" sin. to deck.
Vertical Stiffeners:– 7" × 18.6# [spaced 24" apart. BKts. to shell 21" × 21" × 7/16" Pl. Lugs to decks.
Horizontal Stiffeners:– Web 22" × 7/16" Pl. Face Bar 6" × 3½" × 7/16" L sin. Bhd. Clips 3" × 3" × 7/16" sin.

O.T. Flat Frs. #164 to #183
Plating ½" Bdy. L 6" × 6" × ½" sin.
Beams – 7" × 18.6# [spaced 27" apart.

Date	Alterations	Naval Arch.
6 Nov. '17	Preliminary corrections made as per Mr. Ferris' correspondence with Lloyds.	E.H.R.
19 Nov. '17	Struts at Long'ls on open floors changed to 6" × 3½" × 7/16" L	E.H.R.
"	American Bureau of Shipping Amendments Incorporated.	E.H.R.
22 Nov. '17	Bulkhead, Web Frame, Stringer, Girder etc. Notes added.	E.H.R.
"	Butt riveting notes added. Width of Strake "E", "F" & "L" changed.	E.H.R.
"	Rail heights changed. Pillar sizes changed. Longl. No. 2 shifted.	E.H.R.
30 Nov. '17	Hatch Coamings modified. Flanges substituded for angles.	E.H.R.
"	Connection of Hatch End Beams to Frames modified.	E.H.R.
4 Dec. '17	All Plating with thickness figured in 32nds of an inch increased 1/32 of an inch.	E.H.R.
7 Dec. '17	Lloyds Amendments Incorporated.	E.H.R.
14 Dec. '17	Connection bet. Hatch End Beams & Frames modified. Keel angle made 6" × 6"	E.H.R.
"	Scantlings of Webs & Stringers in Boiler Sp. changed.	E.H.R.
26 Dec. '17	BKts. added to Bhd. Stiffeners on Fuel Oil Bunker Bhds & After Peak Bhd. Lloyds Amendments Incorporated.	E.H.R.
20 Dec. '17	℄ Keelson marked. W.T. Liner on I.B. under Pillars made 4'-9½" Long.	E.H.R.
26 Dec. '17	8 Rivs. instead of 7 in Frame Heel BKts. Girders & Pillars under Bridge Deck changed.	E.H.R.
"	Hatch Coamings on Shelter Deck modified. spare Bower Anchor added.	E.H.R.
28 Dec. '17	A.B.S. Amendments Incorporated as follows:– Scantlings of Pillars increased, Bridge Deck &	E.H.R.
"	Shelter Deck butt riveting increased.	E.H.R.
4 Mar. '18	Bridge Front & Poop Front – Plating changed. Bilge Keel added.	E.H.R.
"	BKt. Clips to Up. & 2nd Deck Beams changed C.V.K. angles to I.B. changed.	E.H.R.
"	Deck Girders & Pillars – changed.	E.H.R.
"	Rivets in M Strake changed to ⅞"	E.H.R.
"	Face Bar on Web Frames in Boiler Room changed from [to Dbl. Ls.	E.H.R.
9 Mar. '18	Face Bar on Hatch End Beam reversed. Pltg. & Stiffening of Bhd. #99 revised.	E.H.R.
8 May '18	Retraced.	
4 Sept. '18	Equipment corrected and modified to suit war conditions.	E.H.R.
16 Oct. '18	Equipment numerals altered for increased length of Poop & Focle.	E.H.R.
7 Mar. '19	Equipment corrected for Peace conditions. Length bet. Perpendiculars corrected.	G.S.D.
7 Mar. '19	Retraced.	
28 Mar. '19	Ceiling on Tank Top changed to agree with Specifications. Beam connections to Long'l. Girders changed to agree with Girder Drawings. Depth of Frames in Peaks changed to 7½" to agree with Drawings.	F.L.M.



Note – Peak Bulkheads to have extra stiffening as per rule.

O.T. & W.T. Floors to have a vertical 3½" × 3½" × 7/16" L stiffener between each pair of Long'ls. more than 6'-0" apart.

Deck Girders and Pillars

To be submitted { Girders under Bridge Deck:– Max. span 15'-9"
7" × 19.7# [Dbl. 7/16" Intercostal Plate.
3" × 3" × 7/16" L sin. Deck Clips.
Pillars 8" × 43.5# Beth. H at Frs. #82 & #128

3 Rows of Girders { Girders under Shelter Deck.
24'-9" span:– 12" × 35# [Dbl. ½" Intercostal Plate.
3½" × 3½" × ½" sin. Deck Clips.
Pillars 10" × 59.5# Beth. H.
18'-0" & 15'-9" span:– 7" × 19.7# [Dbl. 7/16" Intercostal Plate.
3" × 3" × 7/16" sin. Deck Clips.
9'-0" span:– 7" × 18.6# [sin. ⅜" Intercostal Plate.
3" × 3" × 7/16" sin. Deck Clips.

Girders under Upper Deck.
24'-9" span:– 12" × 35# [Dbl. ½" Intercostal Plate.
3½" × 3½" × ½" sin. Deck Clips.
18'-0" span:– 10" × 21.7# [Dbl. 7/16" Intercostal Plate.
3" × 3" × 7/16" sin. Deck Clips.
15'-9" span:– 7" × 19.7# [Dbl. 7/16" Intercostal Plate.
3" × 3" × 7/16" sin. Deck Clips.
9'-0" span:– 7" × 18.6# [sin. ⅜" Intercostal Plate.
3" × 3" × ⅜" sin. Deck Clips.

Girders under 2nd Deck.
20'-3" & 18'-0" span:– 10" × 21.7# [Dbl. 7/16" Interc'l. Plate.
3" × 3" × 7/16" sin. Deck Clips.
15'-9" span } same as for Upper Deck.
9'-0" span }

For Pillars and Girders see plans No.

Equipment to be supplied
10,045# ea.
6,902#
2,884#
1,232#
1 @ 300 Fms. 2¼" dia.
1 @ 120 " 5" circ.
1 @ 130 " 6" "
2 @ 100 " 8" "
2 @ 100 " 8" "

TO CLASS ✠ 100A-1 LLOYDS REGISTER OF SHIPPING SHELTER DECK WITH FREEBOARD
" " ✠ A-1 Ⓔ AMERICAN BUREAU OF SHIPPING.

Lloyd's length = 448 × .96 = 430.08
Lloyd's Transverse Number B + D = 58'-0" + 40'-0" = 98'-0"
Deduct for Shelter 8.0
" " no sheer 2.22 — 10.22
87.78

Lloyd's Longitudinal Number Tr. No. × L = 87.78 × 430.08 = 37753
Proportion Length to Depth 430.08 ÷ 40 — 10.752
No sheer or camber to decks.

Stem	10½" × 2⅞"	
Propeller Post	10½" × 8½"	
Rudder Post	9" × 8½"	
Rudder Plate	1 13/16"	Plan to be submitted
Rudder Stock	13½" dia.	
Pintles	6¾" dia.	
Speed	15 Knots	
Frame spacing in Peaks	24"	
" " elsewhere	27"	
Frames in Peaks	7" × 3½" × ⅜" Ls	
Rev. Frs. " "	3½" × 3½" × ⅜" Ls	
Depth of Framing Peaks	7½"	
Frames between Peaks	10" × 27.2# [except abreast Boilers, Engines and Cross Bunkers 10" × 28.9# [	

EQUIPMENT

LLOYDS NUMBER	~~42,177~~	40,471
AMERICAN BUREAU NUMBER	~~7,720.12~~	7,941.34

	AM. BU. OF SH.	LLOYDS REG.
2 Stockless Bower Anchors	10,045# ea.	8120# ea.
1 " " " spare	None	6902#
1 Stream Anchor (Ex. stock)	2,884#	2296#
1 Kedge Anchor (" ")	1,232#	1008#
Stud Chain cable	1 @ 300 Fms. 2¼" dia.	1 @ 300 Fms. 2⅜" dia.
S.W.R. Stream Line	1 @ 105 " 5" circ.	1 @ 120 " 5" circ.
S.W.R. Tow Line	1 @ 130 " 6" circ.	1 @ 130 " 5½"
Hawsers	2 @ 90 " 8½"	2 @ 100 " 8"
Warps	2 @ 90 " 7½"	2 @ 100 " 8"

EQUIPMENT ACTUALLY SUPPLIED.

1 Stockless Bower Anchor		10,045#
1 " " " spare		10,045#
1 Stream Anchor (Ex. Stock)		2,884#
~~Stud Chain Cable~~	~~1 @ 240 Fms. 2½" dia.~~	
S.W.R. Stream Line	1 @ 120 " 5" circ.	
S.W.R. Tow Line	1 @ 130 " 6" "	
Hawsers	2 @ 100 " 8" "	
Warps	2 @ 100 " 8" "	
Stud Chain Cable	1 @ 300 " 2½" dia.	
1 Kedge Anchor		1400#

PLANS TO BE SUBMITTED FOR APPROVAL

STERN FRAME AND RUDDER.
BULKHEADS
PANTING ARRANGEMENTS.
ENGINE SEATING
SHAFT STOOLS.
HATCH DETAILS
DECKS
PILLARS AND GIRDERS.
HOUSES ON BRIDGE DECK OVER 45'-0" LONG
SHELL PLATING
INNER BOTTOM.
PUMPING ARRANGEMENTS.
ARRANGEMENT OF SWASH PLATES IN FUEL OIL BUNKERS.
STEM AND BOW FRAMING.
ALL HULL STRUCTUAL DETAILS.

APPROVED OCT. 17, 1917
U.S. SHIPPING BOARD
EMERGENCY FLEET CORP'N.
For this Signature see original Tracing
NAVAL ARCHITECT & CONS. ENG.

Plan shows general type of construction – not final.

MIDSHIP SECTION
OF
8000 TON D.W. STANDARD
STEEL SHIP
FABRICATED CONSTRUCTION
FOR THE
UNITED STATES SHIPPING BOARD
EMERGENCY FLEET CORPORATION
AMERICAN INTERNATIONAL SHIPBUILDING CORPORATION
AGENT

Length over all	448'-0"
Length bet. Perps.	448'-0"
Breadth moulded	58'-0"
Depth moulded	40'-0"
Draught loaded about	28'-0"

Scale: ½" = 1'-0"
Oct. 1917

THEODORE E. FERRIS
FORMERLY
CARY SMITH & FERRIS
NAVAL ARCHITECT
AND
MARINE ENGINEER
30 CHURCH STREET.
HUDSON TERMINAL BLDG. N.Y. CITY

For classification signatures see original filed in fire vault.

DR. 13127-201-A

R5843

Traced from original Tracing By: H.R.
Checked " " " By: F.S.P.
Traced from 2nd Tracing By: W.K.D.
Checked " " " By: C.A.S.

W1375-0127

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